

Status of the Claims

1 - 18. (Canceled)

19. (Previously presented) A method of ameliorating bone loss problems associated with aging in a person in need thereof, comprising administering to the person in need thereof an amount of purified β -cryptoxanthin effective to ameliorate the bone loss problems associated with aging.

20. (Previously presented) A method as defined in claim 19, wherein the amount is between about 100 and about 1000 μg per kilogram of body weight.

21. (Previously presented) A method as defined in claim 19, wherein the amount is between about 0.5 mg and about 10 mg.

22. (Previously presented) A method of ameliorating osteoporosis in a person in need thereof, comprising administering to the person in need thereof an amount of purified β -cryptoxanthin effective to ameliorate the osteoporosis.

23. (Previously presented) A method as defined in claim 22, wherein the amount is between about 100 and about 1000 μg per kilogram of body weight.

24. (Previously presented) A method as defined in claim 22, wherein the amount is between about 0.5 mg and about 10 mg.

25. (Previously presented) A method of promoting osteogenesis in a person in need thereof, comprising administering to the person in need thereof an amount of purified β -cryptoxanthin effective to promote osteogenesis.

26. (Previously presented) A method as defined in claim 25, wherein the amount is between about 100 and about 1000 μg per kilogram of body weight.

27. (Previously presented) A method as defined in claim 25, wherein the amount is between about 0.5 mg and about 10 mg.